COBRA

FILEID**COBDEEDIT

```
  CCCCCCCC    OOOOOO    BBBBBBBB    DDDDDDDD    EEEEEEEEEE  EEEEEEEEEE  DDDDDDDD      IIIIII    TTTTTTTTTT
  CCCCCCCC    OOOOOO    BBBBBBBB    DDDDDDDD    EEEEEEEEEE  EEEEEEEEEE  DDDDDDDD      IIIIII    TTTTTTTTTT
CC           OO      OO  BB      BB  DD      DD  EE          EE          DD      DD      II          TT
CC           OO      OO  BB      BB  DD      DD  EE          EE          DD      DD      II          TT
CC           OO      OO  BB      BB  DD      DD  EE          EE          DD      DD      II          TT
CC           OO      OO  BB      BB  DD      DD  EE          EE          DD      DD      II          TT
CC           OO      OO  BBBBBBBB    DD      DD  EEEEEEEE    EEEEEEEE    DD      DD      II          TT
CC           OO      OO  BBBBBBBB    DD      DD  EEEEEEEE    EEEEEEEE    DD      DD      II          TT
CC           OO      OO  BB      BB  DD      DD  EE          EE          DD      DD      II          TT
CC           OO      OO  BB      BB  DD      DD  EE          EE          DD      DD      II          TT
CC           OO      OO  BB      BB  DD      DD  EE          EE          DD      DD      II          TT          ....
CC           OO      OO  BB      BB  DD      DD  EE          EE          DD      DD      II          TT          ....
  CCCCCCCC    OOOOOO    BBBBBBBB    DDDDDDDD    EEEEEEEEEE  EEEEEEEEEE  DDDDDDDD      IIIIII    TT          ....
  CCCCCCCC    OOOOOO    BBBBBBBB    DDDDDDDD    EEEEEEEEEE  EEEEEEEEEE  DDDDDDDD      IIIIII    TT          ....

LL             IIIIII      SSSSSSSS
LL             IIIIII      SSSSSSSS
LL               II      SS
LL               II      SS
LL               II      SS
LL               II      SS
LL               II        SSSSSS
LL               II        SSSSSS
LL               II              SS
LL               II              SS
LL               II              SS
LL               II              SS
LLLLLLLLLL     IIIIII    SSSSSSSS
LLLLLLLLLL     IIIIII    SSSSSSSS
```

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(3) 51 DECLARATIONS
(4) 83 COB$AB_DEEDIT - COBOL De-edit Translation Table

```
0000     1          .TITLE  COB$AB_DEEDIT - COBOL De-edit
0000     2          .IDENT  /1-0037             ; File: COBDEEDIT.MAR Edit: RKR1003
0000     3
0000     4  ;
0000     5  ;*****************************************************************************
0000     6  ;*                                                                           *
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0000    24  ;*                                                                           *
0000    25  ;*                                                                           *
0000    26  ;*****************************************************************************
0000    27  ;
0000    28
0000    29  ;++
0000    30  ; FACILITY: COBOL Runtime Library
0000    31  ;
0000    32  ; ABSTRACT:
0000    33  ;       Translation table to aid COBOL-generated code perform
0000    34  ; "de-editting".  See more detailed functional description below.
0000    35  ;
0000    36  ;
0000    37  ; ENVIRONMENT: Runs at any access mode, AST Reentrant
0000    38  ;
0000    39  ; AUTHOR: M. Jack, CREATION DATE: 01-JUL-1980
0000    40  ;
0000    41  ; MODIFIED BY:
0000    42  ;
0000    43  ; 1-001 - Original. MLJ 01-JUL-1980
0000    44  ; 1-002 - Wrapped standard RTL boilerplate and some commentary around
0000    45  ;         table. RKR 3-SEP-80
0000    46  ; 1-003 - Updated copyright to reflect 1981 release date and fixed
0000    47  ;         incorrect version number.  RKR 6-JAN-81
0000    48  ;--
```

```
                        .SBTTL  DECLARATIONS
                ;
                ; LIBRARY MACRO CALLS:
                ;
                ;
                ; EXTERNAL DECLARATIONS:
                ;
                ; Prevent undeclared symbols from being automatically global.
                ;
                        .DSABL  GBL
                ;
                ; MACROS:
                ;
                        NONE
                ;
                ; EQUATED SYMBOLS:
                ;
                        NONE
                ;
                ; OWN STORAGE:
                ;
00000000                .PSECT _COB$DATA PIC, USR, CON, REL, LCL, NOSHR, -
                                        NOEXE, RD, WRT, LONG
                ;
                        NONE
                ;
                ; PSECT DECLARATIONS:
                ;
                        .PSECT _COB$CODE PIC, USR, CON, REL, LCL, SHR, -
00000000                                EXE, RD, NOWRT, LONG
```

```
                                0000     83          .SBTTL  COB$AB_DEEDIT - COBOL De-edit Translation Table
                                0000     84 ;++
                                0000     85 ; FUNCTIONAL DESCRIPTION:
                                0000     86 ;
                                0000     87 ; Compiled code uses this table for a MOVTC instruction when there is a
                                0000     88 ; numeric edited source and a numeric or numeric edited destination.
                                0000     89 ; COBOL calls this case "de-editing".  The MOVTC gets generated if there
                                0000     90 ; were floating characters or implicit or explicit BLANK WHEN ZERO,
                                0000     91 ; in order to translate any non-digits that might be in the result
                                0000     92 ; to zeros.
                                0000     93 ;
                                0000     94 COB$AB_DEEDIT::
                                0000     95                                                      ;  Octal          Hex
                                0000     96                                                      ;  -------        -----
30 30 30 30 30 30 30 30 30 30 30 30 0000     97      .ASCII  "00000000000000000000000000000000"  ;  000-037        00-1F
30 30 30 30 30 30 30 30 30 30 30 30 000C
            30 30 30 30 30 30 30 30 0018
30 30 30 30 30 30 30 30 30 30 30 30 0020     98      .ASCII  "00000000000000001234567890000000"  ;  040-077        20-3F
37 36 35 34 33 32 31 30 30 30 30 30 002C
            30 30 30 30 30 30 39 38 0038
30 30 30 30 30 30 30 30 30 30 30 30 0040     99      .ASCII  "00000000000000000000000000000000"  ;  100-137        40-5F
30 30 30 30 30 30 30 30 30 30 30 30 004C
            30 30 30 30 30 30 30 30 0058
30 30 30 30 30 30 30 30 30 30 30 30 0060    100      .ASCII  "00000000000000000000000000000000"  ;  140-177        60-7F
30 30 30 30 30 30 30 30 30 30 30 30 006C
            30 30 30 30 30 30 30 30 0078
30 30 30 30 30 30 30 30 30 30 30 30 0080    101      .ASCII  "00000000000000000000000000000000"  ;  200-237        80-9F
30 30 30 30 30 30 30 30 30 30 30 30 008C
            30 30 30 30 30 30 30 30 0098
30 30 30 30 30 30 30 30 30 30 30 30 00A0    102      .ASCII  "00000000000000000000000000000000"  ;  240-277        A0-BF
30 30 30 30 30 30 30 30 30 30 30 30 00AC
            30 30 30 30 30 30 30 30 00B8
30 30 30 30 30 30 30 30 30 30 30 30 00C0    103      .ASCII  "00000000000000000000000000000000"  ;  300-337        C0-DF
30 30 30 30 30 30 30 30 30 30 30 30 00CC
            30 30 30 30 30 30 30 30 00D8
30 30 30 30 30 30 30 30 30 30 30 30 00E0    104      .ASCII  "00000000000000000000000000000000"  ;  340-377        E0-FF
30 30 30 30 30 30 30 30 30 30 30 30 00EC
            30 30 30 30 30 30 30 30 00F8
                                0100    105
                                0100    106          .END                                       ; End of table COB$AB_DEEDIT
```

COB$AB_DEEDIT 00000000 RG 02

Psect synopsis

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
_COB$DATA	00000000 (0.)	01 (1.)	PIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC LONG
_COB$CODE	00000100 (256.)	02 (2.)	PIC USR CON REL LCL SHR EXE RD NOWRT NOVEC LONG

Performance indicators

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.03	00:00:00.48
Command processing	114	00:00:00.34	00:00:01.61
Pass 1	63	00:00:00.23	00:00:02.13
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	36	00:00:00.18	00:00:02.45
Symbol table output	1	00:00:00.01	00:00:00.01
Psect synopsis output	3	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	248	00:00:00.80	00:00:06.70

The working set limit was 900 pages.
1682 bytes (4 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
106 source lines were read in Pass 1, producing 10 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

Macro library statistics

Macro library name	Macros defined
_255DUA28:[SYSLIB]STARLET.MLB;2	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS$:COBDEEDIT/OBJ=OBJ$:COBDEEDIT MSRC$:COBDEEDIT/UPDATE=(ENH$:COBDEEDIT)

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LIS

COBERROR
LIS

COBDHANDL
LIS